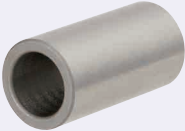


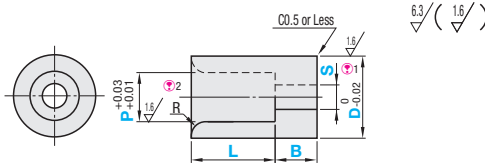
# Bushings for Inspection Components

## Stepped Straight (Standard)

For compatible Pins, see P.1821-P.1824.



Material	Hardness	Surface Treatment	Type	
			S <sub>0.03/0.01</sub>	SH7
SKS93 Equivalent	50-60HRC	-	KJBD	KJBHD
SKS93 Equivalent	50-60HRC	Electroless Nickel Plating	KJBDM	KJBHDM
SUS304	-	-	KJBDS	KJBHDS



① When wall is 2mm or less ((D-P)/2≤2), R is 0.5.

S	H7
3.00-6.00	+0.012 0
6.01-10.00	+0.015 0
10.01-18.00	+0.018 0
18.01-21.00	+0.021 0

Part Number		D	P 0.01mm Increment	S 0.01mm Increment	L 1mm Increment	B 1mm Increment	R	Unit Price		
Type	D							KJBD	KJBDM	KJBDS
(SKS93 Equivalent Hardened) <b>KJBD</b>	8	10	4.00~ 6.00	3.00~ 5.00	3~25 L≤Px3 No R for 3, 4	5~25 When S≤3.59 B≤Sx2.5 When S≥3.60 B≤Sx3	1.0			
	10		4.00~ 8.00	3.00~ 7.00			2.0			
(SKS93 Equivalent Hardened, Electroless Nickel Plating) <b>KJBDM</b>	12	16	5.00~ 10.00	3.00~ 9.00	L≤Px3 No R for 3, 4	5~25 When S≤3.59 B≤Sx2.5 When S≥3.60 B≤Sx3	2.0			
	16		8.00~ 14.00	4.00~ 13.00			2.0			
(SUS304) <b>KJBDS</b>	20	25	10.00~ 18.00	6.00~ 17.00	L≤Px3 No R for 3, 4	5~25 When S≤3.59 B≤Sx2.5 When S≥3.60 B≤Sx3	2.0			
	25		15.00~ 23.00	8.00~ 21.00			2.0			

② For SUS304, there must be a 2mm or greater wall thickness ((D-P)/2≥2).

Part Number		D	P 0.01mm Increment	S 0.01mm Increment	L 1mm Increment	B 1mm Increment	R	Unit Price		
Type	D							KJBHD	KJBHDM	KJBHDS
(SKS93 Equivalent Hardened) <b>KJBHD</b>	8	10	4.00~ 6.00	3.00~ 5.00	3~25 L≤Px3 No R for 3, 4	5~25 When S≤3.59 B≤Sx2.5 When S≥3.60 B≤Sx3	1.0			
	10		4.00~ 8.00	3.00~ 7.00			2.0			
(SKS93 Equivalent Hardened, Electroless Nickel Plating) <b>KJBHDM</b>	12	16	5.00~ 10.00	3.00~ 9.00	L≤Px3 No R for 3, 4	5~25 When S≤3.59 B≤Sx2.5 When S≥3.60 B≤Sx3	2.0			
	16		8.00~ 14.00	4.00~ 13.00			2.0			
(SUS304) <b>KJBHDS</b>	20	25	10.00~ 18.00	6.00~ 17.00	L≤Px3 No R for 3, 4	5~25 When S≤3.59 B≤Sx2.5 When S≥3.60 B≤Sx3	2.0			
	25		15.00~ 23.00	8.00~ 21.00			2.0			





Ordering Example: **Part Number** - P - S - L - B





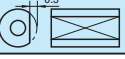
**Type** | **D** | **P** | **S** | **L** | **B**

KJBD | 10 | P5.02 | S4.12 | L15 | B5

Alterations: **Part Number** - P - S - L - B - (FC, PKC--etc.)

KJBD12 - P8.00 - S4.00 - L10 - B5 - FC

Alterations	Code	Spec.
Groove (for Adhesive Reservoir) 	FC	Adds an adhesive reservoir groove. ① D≥P+3; Applicable only when a wall of 1.5mm or thicker is remaining. ② Applicable when L+B≥10 for Straight Type, L+B≥15 for Shouldered Type.
Groove (for Retaining) 	NC	Adds groove for retaining. ① D≥P+3; Applicable only when a wall of 1.5mm or thicker is remaining. ② Applicable when L+B≥10 for Straight Type, L+B≥15 for Shouldered Type.
Radius R C Chamfered 	RN	Adds C Chamfering (0.5 or less) to R.
Radius R Square Corner 	CRN	Replaces R with square corner. ① Edge may be burred. ② Combination with TKC and LKC is not available.

Alterations	Code	Spec.
Additional Surface Treatment (Black Oxide) 	STC	Adds black oxide surface treatment. ① Applicable only to material SKS93 (except electroless nickel plating).
P Dimension Tolerance 	PKC	Changes P dimension tolerance to H7.
Shoulder Thickness Tolerance 	TKC	Changes shoulder thickness tolerance to ±0.01. ① Applicable to Shouldered T Dimension Fixed Type only. ② Combination with alteration CRN and LKC is not available.
L+B Dimension Tolerance 	LKC	Changes L+B dimension tolerance to 0 / -0.05 . ① Combination with TKC and CRN is not available. ② Tolerance is not for L dimension only.
Flats Machining 	HT	Adds a flat on bushing.